GlobalDur GN152Epoxy Cementitious Waterbased

TECHNICAL DATA SHEET

Epoxy Cementitious Waterbased Coating

PRODUCT DESCRIPTION	◆ GlobalDur GN152EW is a high solids epoxy cementitious self-levelling for concrete. ◆ GlobalDur GN152EW is a economic epoxy system designed for application to recoat or apply on flooring and walls.
PERFORMANCES	• High Solids; • Excellent impact resistance; • Excellent levelling properties; • No organic solvent odor and no flamable risk during application and dry; • Excellent aestetic effect; • Good Abrasion resistance and flexibility. • Good chemical resistance to alkali, acid and petroleum products; • Good adhesion over primer and between coats.
RECOMMENDED USE	PRIMER/INTERMEDIATE/FINISH OVER CONCRETE PROTECTIVE: Internal Flooring on industrial facilities, car parkings, power stations, warehouses, hospitals, etc., where washability and solvent resistance to degreasers are important.
APPROVALS	Complies with EU Directive 2010/42/EC: subcategory j (VOC< 140 g/l).

COMPONENT A	COMPONENT B	COLOURS
GN152EW	H150EW	GN152EWG9010 (White), GN152EWG7000 (light grey), GN152EWG9005 (Black), RAL colours. For other colours catalogue, please contact GlobalNavy's office.

Physical Properties

GLOSS	Satin.
SOLIDS BY VOLUME	85 ±2% (Volume). 90 ±2% (weight).
VOC*	<140g/L.
FLASH POINT	101°C (214°F) Setaflash.
PHYSICAL PROPERTIES	Density: 1,4 g/cm³

Application

SURFACE PREPARATION	All the surfaces has to be clean, dry and without contamination. The surface should be evaluated and treated accordingly with ISO 8504. Coated Surface: Clean, undamaged and dry compatible primer. Other Surfaces: Check the suitability of GN152EW, apply a suitable primer like GlobalDur GN151EW, following its Technical Data Sheet and then apply GN152EW. Contact GlobalNavy

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	office for further information.
APPLICATION METHOD	GlobalDur GN152EW can be applied by squeege, roller, brush. Air-less spray:Use na equipment with a compressing 45:1 ratio, na inlet 3 bar pressure, allowing a 210-260 bar outlet pressure. A 0,019" or 0,0 21" tip is recommended. Conventional spray equipment only on special application conditions- contact GlobalNavy for more information.
APPLICATION CONDITIONS	The substrate temperature shall be 10°-+50°C. The ambient temperature shall be >10°C. Do not apply GN152EW with Humidity higher than 80%. When applying as intermediate or finish thinn with water for orange peel surface or with GN008TH until 5% in all coats in order to achieve a better levelling surface.
APPLICATION DATA	GlobalDur GN152EW is a two pack product, so both components must be mixed on the right ratio. Mix only using electrical mixer. First, component A should be well mixed during 2 minutes. After that, add component B and stir very well until it get homogeneous. Only after that the water/thinner should be add and continousely mixed. If over agitated, Pot Life will be reduced. High temperatures will reduce Pot Life and Low temperatures will increase Pot Life.
MIX RATIO	3 / 1 (by weight) and 5 / 1 (by volume)
HARDENER	H150EW
POT LIFE	1 hour at 23°C (73°F).
THINNER	Water / GN008TH
SOLVENT / CLEANER	GlobalThin GN003TH / GN008TH.
DRY TIME	Surface dry: Approx. 8 hours at 23°C (73°F) and 50% Rh; Recoat: Min: 24 hours at 23°C (73°F)); Max: 7 days at 23°C (73°F). After that surface must e reactivated with solvents or clean with HP water. For foot traffic/Loading: 24h / 2 days. For Chemical Resistance : 7 days.
THEORETICAL COVERAGE:	3.0 Sq.m/Kg for a 300 microns DFT. (333 grams wet by sqm -14 Sq.ft/ Lb.).
TYPICAL PAINT SYSTEM	• Primer (dry concrete) GlobalDur GN120ER 1 x 200gr; • Primer (dry/wet concrete) GlobalDur GN 150EW 1 x 200gr; • Primer steel GlobalDur GN 101EP 1 x 200µm, • Top coat GN152EW 1 x 400 gr.
STORAGE	2 years (storage on the original tightly closed containers in a dry, cool, well ventilated space, at temperatures between 5°C - 30°C).
PACKING	Two pack product, available in packs (A+B) of 7,5 Kg and 24 Kg.
FURTHER INFORMATION	For the safety of the applicator and the good performance, ventilation should be provided to all portions of the enclosed area. If exact colour matching is required, ensure that GN150EW in each area is applied from the same control batch numbers.
HEALTH SAFETY	Please take the necessary measures in order to accomplish the national laws and regulations regarding the environmental, health and safety at work. Please observe the safety information displayed on the container. Please refer to the Safety Data Sheet for detailed information on the health, safety hazards and precautions for the use of this product.

The information on this data sheet is given to the best of our knowledge based on laboratory testing and practical experience. This is not a specification and all information is given in good faith. Every values presented as Theoretical were

calculated from the product formula, so can have deviation from laboratory measurements using standard methods that may be not applicable. However, since the product can be used under conditions beyond our control, the manner of use is the sole responsibility of the user. The product is intended for professional use only. Manufacturer does not assume any liability in connection with the use of the product relative to coverage, performance or injury. This Technical Data Sheet content can be changed without notice.

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